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**Notice of Allowability**

Application No.

10/655,831

Examiner

Samson B. Lemma

Applicant(s)

ALASIA ET AL.

Art Unit

2132

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed on August 18, 2005.
2. ☒ The allowed claim(s) is/are 1, 3-13, 15-27, 29-41 and 43-55.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |  |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)  | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)                                  |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date <u>02-14-2005</u> |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment   |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance                         |
|   | 9. <input type="checkbox"/> Other _____  |

### ***DETAILED ACTION***

1. **Claims 2, 14, 28 and 42** have been cancelled.
2. **Independent Claims 1, 13, 27 and 41** have been amended.
3. **No new claims have been** added.

### ***Allowable Subject Matter***

4. **Claims 1,3-13, 15-27, 29-41,43-55** are allowed.
5. The following is an examiner's statement of reasons for allowance:
6. On July 28, 2005, the undersigned and Mr. Brandon Rash met with Examiner Lemma to conduct an in-person interview. On August 5, 2005, the undersigned met with the Examiner Lemma and SPE Gilberto Barron for a follow-up interview. As the result of the discussion made during the interview, It has been determined that if the dependent claims 2, 14, 28 and 42 is cancelled and added in to the respective independent claims the case would be allowable.  
  
Accordingly, the applicant amended all the independent claims by canceling the respective dependent claims 2, 14, 28 and 42 and adding those limitations in the corresponding independent claims.
7. With respect to **the independent claims 1, 13, 27 and 41** the art on the record, in particular Huang discloses all the limitation of the previous limitation of the independent claims before they were amended. However, the art on the record namely Huang does not disclose or suggest the amended limitation which was part of the cancelled dependent claims 2, 14, 28 and 42 in particular the limitation "**wherein the transmittent printing medium is selected to provide a maximum reflectivity difference between the first portion of the printable surface with the latent image**

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**printed thereon and an adjacent area of the printable surface. The maximum reflectivity difference being no greater than 5% of the reflectivity of the adjacent area."**

None of the prior art of record taken singularly or in combination teaches An Authenticatable article comprising:

A printable surface;

A latent image formed on a first portion of the printable surface in a transmittent printing medium, the latent image being an encoded version of an authentication image and being configured for optical decoding by an optical decoder so that the authentication image can be viewed through the optical decoder when the optical decoder is placed over the latent image in combination with the functional limitation "**wherein the transmittent printing medium is selected to provide a maximum reflectivity difference between the first portion of the printable surface with the latent image printed thereon and an adjacent area of the printable surface. The maximum reflectivity difference being no greater than 5% of the reflectivity of the adjacent area."**

8. The dependent claims, being further limiting to the independent claims, definite and enabled by the specification are also allowed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submission should be clearly labeled "Comments on Statement of Reasons for Allowance."

### **Conclusion**

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Samson B Lemma whose telephone number is 571-272-3806. The examiner can normally be reached on Monday-Friday (8:00 am---4: 30 pm).


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, BARRON JR GILBERTO can be reached on. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

**SAMSON LEMMA**

**S.L.**

**08/31/2005**

  
GILBERTO BARRON JR.  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100